.-online.com antibodies

Datasheet for ABIN7274418 CRP Protein (AA 19-224) (His tag)

2 Images



Overview

Quantity:	100 µg
Target:	CRP
Protein Characteristics:	AA 19-224
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRP protein is labelled with His tag.

Product Details

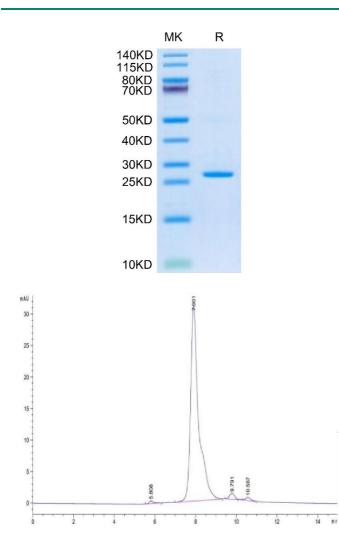
Purpose:	Cynomolgus C-Reactive Protein /CRP Protein
Sequence:	GIn19-Ser224
Characteristics:	Recombinant Cynomolgus C-Reactive Protein /CRP Protein is expressed from HEK293 with His tag at the C-Terminus.It contains GIn19-Ser224.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CRP
Alternative Name:	C-Reactive Protein (CRP Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7274418 | 01/18/2024 | Copyright antibodies-online. All rights reserved.

Target Details	
Background:	C-reactive protein (CRP) is a polypeptide molecule belonging to the family of pentraxins. CRP is synthesized primarily by the liver in response to certain pro-inflammatory cytokines. It plays an important role in innate immunity, opsonization by its properties, complement activation and immunoglobulins receptor binding. CRP is a protein of the acute systemic inflammation and is, therefore, a prime marker of inflammation. The CRP is quantified by immunonephelometry or immunoturbidimetry.
Molecular Weight:	24.33 kDa. Due to glycosylation, the protein migrates to 25-30 kDa based on Tris-Bis PAGE result.
NCBI Accession:	XP_045255377
Pathways:	Carbohydrate Homeostasis
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in 20 mM Tris, 150 mM NaCl (pH 8.0). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Cynomolgus CRP on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Cynomolgus CRP is greater than 95 % as determined by SEC-HPLC.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7274418 | 01/18/2024 | Copyright antibodies-online. All rights reserved.